

WHAT IS CLAIMED IS:

1. An massage system comprising:
a motor having an output shaft;
a plate connected to the output shaft; and
at least one bellows, each bellows connected to the plate and having an extended position and a retracted position, wherein operation of the motor causes the plate to oscillate in a pattern having a first position and a second position, wherein in the first position the plate compresses a first of the at least one bellows to the retracted position and in the second position the plate releases the first of the at least one bellows to the extended position, and wherein when each of the at least one bellows is moved from the extended to the retracted position air is expelled from the bellows, and wherein when each of the at least one bellows is moved from the retracted to the extended position air is taken into the bellows.

2. The massage system of claim 1, wherein the at least one bellows comprises the first and a second bellows arranged such that when the plate is in the first position, the first bellows is retracted and the second bellows is extended and when the plate is in the second position, the second bellows is retracted and the first bellows is extended.

3. The massage system of claim 2, further comprising a connector that connects the output shaft to the plate, wherein the connector is oriented at an angle, offset from a perpendicular orientation, with respect to a longitudinal axis of the output shaft, such that when the output shaft rotates the connector rotates in a path that crosses the longitudinal

axis of the output shaft, causing the oscillating motion of the plate.

4. The massage system of claim 1, wherein the at least one bellows comprises the first, a second, a third and a forth bellows arranged such that each bellows has two adjacent bellows and a laterally opposed bellows, wherein the oscillating motion of the plate causes each bellows to move between the extended and retracted positions, and wherein each time one of the bellows is in the retracted position, its laterally opposed bellows is in the extended position and its two adjacent bellows are in partially retracted positions.

5. The massage system of claim 4, further comprising a connector that connects the output shaft to the plate, wherein the connector is oriented at an angle, offset from a perpendicular orientation, with respect to a longitudinal axis of the output shaft, such that when the output shaft rotates the connector rotates in a path that crosses from the longitudinal axis of the output shaft, causing the oscillating motion of the plate.

6. An massage system comprising:

a motor;

at least one bellows, each bellows having an extended position and a retracted position, wherein operation of the motor causes each bellows to move between the extended and retracted positions; and

at least one inflatable bladder connected to each bellows, such that when each bellows is moved from the extended to the retracted position air is expelled from the bellows and enters a corresponding one of the at least one

inflatable bladder, and wherein when each bellows is moved from the retracted to the extended position air is extracted from a corresponding one of the at least one inflatable bladder and enters the bellows.

7. The massage system of claim 6, wherein at least one of the at least one bellows is connected to more than one inflatable bladder.

8. The massage system of claim 6, wherein the at least one inflatable bladder is disposed within an expandable pad.

9. The massage system of claim 6, further comprising a plate connected to an output shaft of the motor, wherein each bellows is connected to the plate, and wherein operation of the motor causes the plate to oscillate in a pattern having a first position and a second position, wherein in the first position the plate compresses a first of the at least one bellows to the retracted position and in the second position the plate releases the first of the at least one bellows to the extended position.

10. The massage system of claim 9, wherein the at least one bellows comprises the first and a second bellows arranged such that when the plate is in the first position, the first bellows is retracted and the second bellows is extended and when the plate is in the second position, the second bellows is retracted and the first bellows is extended.

11. The massage system of claim 10, further comprising a connector that connects the output shaft to the plate, wherein the connector is oriented at an angle, offset from a

perpendicular orientation, with respect to a longitudinal axis of the output shaft, such that when the output shaft rotates the connector rotates in a path that crosses the longitudinal axis of the output shaft, causing the oscillating motion of the plate.

12. The massage system of claim 9, wherein the at least one bellows comprises the first, a second, a third and a forth bellows arranged such that each bellows has two adjacent bellows and a laterally opposed bellows, wherein the oscillating motion of the plate causes each bellows to move between the extended and retracted positions, and wherein each time one of the bellows is in the retracted position, its laterally opposed bellows is in the extended position and its two adjacent bellows are in partially retracted positions.

13. The massage system of claim 12, further comprising a connector that connects the output shaft to the plate, wherein the connector is oriented at an angle, offset from a perpendicular orientation, with respect to a longitudinal axis of the output shaft, such that when the output shaft rotates the connector rotates in a path that crosses from the longitudinal axis of the output shaft, causing the oscillating motion of the plate.

14. A massage chair system comprising:
a chair having a back portion, a seat portion and a leg portion;
a motor attached to the chair;
at least one bellows, each bellows having an extended position and a retracted position, wherein operation

of the motor causes each bellows to move between the extended and retracted positions; and

at least one inflatable bladder connected to each bellows, such that when each bellows is moved from the extended to the retracted position air is expelled from the bellows and enters a corresponding one of the at least one inflatable bladder and when each bellows is moved from the retracted to the extended position air is extracted from a corresponding one of the at least one inflatable bladder and enters the bellows.

15. The massage chair system of claim 14, wherein at least one of the at least one bellows is connected to more than one inflatable bladder.

16. The massage chair system of claim 14, wherein the at least one inflatable bladder is disposed within an expandable pad that is disposed within the chair.

17. The massage chair system of claim 14, wherein the at least one inflatable bladder is disposed within the back portion of the chair.

18. The massage chair system of claim 14, wherein the at least one inflatable bladder is disposed within the seat portion of the chair.

19. The massage chair system of claim 14, wherein the at least one inflatable bladder is disposed within the leg portion of the chair.

20. The massage chair system of claim 14, further comprising a plate connected to an output shaft of the motor, wherein each bellows is connected to the plate and, wherein operation of the motor causes the plate to oscillate in a pattern having a first position and a second position, wherein in the first position the plate compresses a first of the at least one bellows to the retracted position and in the second position where the plate releases the first of the at least one bellows to the extended position.

21. The massage chair system of claim 20, wherein the at least one bellows comprises the first and a second bellows arranged such that when the plate is in the first position, the first bellows is retracted and the second bellows is extended and when the plate is in the second position, the second bellows is retracted and the first bellows is extended.

22. The massage chair system of claim 21, further comprising a connector that connects the output shaft to the plate, wherein the connector is oriented at an angle, offset from a perpendicular orientation, with respect to a longitudinal axis of the output shaft, such that when the output shaft rotates the connector rotates in a path that crosses the longitudinal axis of the output shaft, causing the oscillating motion of the plate.

23. The massage chair system of claim 20, wherein the at least one bellows comprises the first, a second, a third and a forth bellows arranged such that each bellows has two adjacent bellows and a laterally opposed bellows, wherein the oscillating motion of the plate causes each bellows to move between the extended and retracted positions, and wherein each

time one of the bellows is in the retracted position, its laterally opposed bellows is in the extended position and its two adjacent bellows are in partially retracted positions.

24. The massage chair system of claim 23, further comprising a connector that connects the output shaft to the plate, wherein the connector is oriented at an angle, offset from a perpendicular orientation, with respect to a longitudinal axis of the output shaft, such that when the output shaft rotates the connector rotates in a path that crosses from the longitudinal axis of the output shaft, causing the oscillating motion of the plate.